Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020723\
Data File : VW025308.D
Acq On : 07 Feb 2023 15:14
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

Quant Time: Feb 07 20:13:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 07 20:11:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	270079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	240516	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	120058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	49576	18.969	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.880%			
7) Chloroethane-d5	2.897	69	43082	18.565	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.280%			
11) 1,1-Dichloroethene-d2	4.025	63	159278	21.979	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.920%			
21) 2-Butanone-d5	7.073	46	34416	50.726	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.460%			
24) Chloroform-d	7.646	84	175304	24.764	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.040%			
26) 1,2-Dichloroethane-d4	8.305	65	94922	27.528	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.120%			
32) Benzene-d6	8.274	84	317027	21.748	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	9.274	67	88411	20.729	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.920%			
41) Toluene-d8	10.323	98	299774	23.006	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.040%			
43) trans-1,3-Dichloroprop...	10.579	79	40922	25.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.720%			
47) 2-Hexanone-d5	10.920	63	29296	61.261	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.520%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	71641	24.699	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	13.847	152	98554	23.660	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.019	85	73702	20.167	ug/L	92
3) Chloromethane	2.227	50	65858	18.774	ug/L	99
5) Vinyl chloride	2.373	62	75784	21.212	ug/L	99
6) Bromomethane	2.788	94	52140	21.315	ug/L	97
8) Chloroethane	2.940	64	45080	20.212	ug/L	100
9) Trichlorofluoromethane	3.269	101	107849	20.987	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	85410	22.921	ug/L	90
12) 1,1-Dichloroethene	4.043	96	85623	23.148	ug/L	98
13) Acetone	4.123	43	28239	37.748	ug/L	100
14) Carbon disulfide	4.391	76	270130	22.347	ug/L	100
15) Methyl Acetate	4.671	43	32206	25.159	ug/L	96
16) Methylene chloride	4.921	84	92175	20.049	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	93171	23.454	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	150220	26.305	ug/L	97
19) 1,1-Dichloroethane	6.220	63	169203	23.921	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	102539	24.583	ug/L	97
22) 2-Butanone	7.171	43	41215	45.305	ug/L	97
23) Bromochloromethane	7.518	128	44108	25.673	ug/L	88
25) Chloroform	7.677	83	189773	26.082	ug/L	94

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Quant Title : SFAM01.0
QLast Update : Tue Feb 07 20:11:22 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	129412	29.203	ug/L	98
29) Cyclohexane	7.957	56	146281	21.119	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	170652	25.014	ug/L	100
31) Carbon tetrachloride	8.067	117	160671	25.463	ug/L	97
33) Benzene	8.323	78	380036	22.833	ug/L	100
34) Trichloroethene	9.091	95	107201	22.994	ug/L	98
35) Methylcyclohexane	9.335	83	176530	21.213	ug/L	100
37) 1,2-Dichloropropane	9.366	63	90550	22.058	ug/L	99
38) Bromodichloromethane	9.646	83	133766	24.506	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	156911	23.345	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	91322	50.384	ug/L	99
42) Toluene	10.384	91	419677	25.356	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	132439	27.643	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	70329	27.184	ug/L	97
46) Tetrachloroethene	10.859	164	80120	26.891	ug/L	91
48) 2-Hexanone	10.963	43	63279	55.301	ug/L	99
49) Dibromochloromethane	11.128	129	83991	28.743	ug/L	99
50) 1,2-Dibromoethane	11.231	107	67205	28.357	ug/L	98
51) Chlorobenzene	11.652	112	268481	24.648	ug/L	99
52) Ethylbenzene	11.725	91	487631	24.589	ug/L	99
53) m,p-Xylene	11.835	106	186561	24.822	ug/L	97
54) o-Xylene	12.164	106	176266	23.297	ug/L	96
55) Styrene	12.176	104	301062	23.501	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	77249	25.059	ug/L	99
59) Bromoform	12.347	173	47726	28.019	ug/L	99
60) Isopropylbenzene	12.463	105	503475	24.762	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	57617	26.991	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	429993	26.233	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	419967	25.570	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	206987	24.571	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	205936	24.774	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	181545	25.008	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	14475	29.034	ug/L	87
69) 1,3,5-Trichlorobenzene	14.621	180	139039	25.381	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	114880	25.754	ug/L	97
71) Naphthalene	15.358	128	230329	28.246	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	94300	24.621	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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